



North American  
Refractories

06327 00

900 Hanna Building  
1422 Euclid Avenue  
Cleveland, Ohio 44115  
216/621-5200

NORTH AMERICAN REFRACTORIES  
PRODUCT SAFETY DATA SHEET

MANUFACTURER

MSDS # 4026-00

NORTH AMERICAN REFRACTORIES

Vendor:

Emergency Phone Number  
East (814) 236-3890  
West (415) 432-4741

Date Issued: 10/24/85  
Product Type: Refractory Mortar / Coating  
Trade Name: COLDSET 50

Date Revised: 10/11/85

\*\*\*\*\* SECTION I - PRODUCT IDENTIFICATION \*\*\*\*\*

Chemical Name: Fireclay Mortar, Wet, Air Setting  
Chemical Family: Al<sub>2</sub>O<sub>3</sub> SiO<sub>2</sub> Na<sub>2</sub>O SiO<sub>2</sub> H<sub>2</sub>O

\*\*\*\*\* SECTION II - CHEMICAL COMPOSITION \*\*\*\*\*

Hazardous Ingredients:	CAS Number:	PCT:
Crystalline Silica	N/A	less than 25%
Other Ingredients:	CAS Number:	PCT:
Alumina Silicate	66402-68-4	less than 50%
Hydrous Alumina Silicate	1332-58-7	less than 40%
Sodium Silicate	1334-09-8	less than 25%

\*\*\*\*\* SECTION III - PHYSICAL DATA \*\*\*\*\*

Appearance and Odor: Tan, fine-grained, wet mixture, odorless

\*\*\*\*\* SECTION IV - FIRE AND EXPLOSION HAZARD \*\*\*\*\*

Flammability: This product is non-flammable and will not support combustion.

\*\*\*\*\* SECTION V - HEALTH HAZARD \*\*\*\*\*

Threshold Limit Value: For respirable dust: 10 divided by (%Qtz. + 2)  
expressed as mg/m<sup>3</sup>

Effects of Overexposure: Chronic exposure to dust could contribute to

SEA 30 C

AGCS2F000066

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silicosis.

Sodium silicate may irritate skin and eyes.

## Emergency and First Aid Data:

Skin: Wash thoroughly with soap and water.

Eyes: Flush with water for 15 minutes and get  
medical help.

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## SECTION VI - REACTIVITY DATA

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Stability and Reactivity: This product is stable and non-reactive.

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## SECTION VII - SPILL AND LEAK PROCEDURES

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## Steps to be Taken in Case of a Spill:

Avoid generating dust exposure during cleanup.

Waste Disposal Method: Dispose of material according to local, state or  
federal regulations and as final used condition of  
the product dictates.

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## SECTION VIII - INDUSTRIAL HYGIENE INFORMATION \*\*\*\*\*

Ventilation: Local exhaust recommended to maintain exposures  
below TLV.

Respiratory Protection: Approved dust type for exposures above TLV.

Protective Gloves: Impervious gloves recommended.

Eye Protection: Recommended

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## SECTION IX - SPECIAL PRECAUTIONS

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Special Precautions: Avoid high temperature storage.

Precautionary Labeling: Product contains crystalline silica and  
sodium silicateWARNING: Prolonged inhalation of product  
dust may cause delayed lung injury (silicosis)  
Contact may cause irritation to eyes and skin.